

Fw: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Elizabeth Allen to: POULSEN Mike

01/27/2011 10:57 AM

FYI

----- Forwarded by Elizabeth Allen/R10/USEPA/US on 01/27/2011 10:57 AM -----

From: Kristine Koch/R10/USEPA/US
To: Elizabeth Allen/R10/USEPA/US@EPA
Cc: Burt Shephard/R10/USEPA/US@EPA, Sean Sheldrake/R10/USEPA/US@EPA, Chip Humphrey/R10/USEPA/US@EPA, Rene Fuentes/R10/USEPA/US@EPA
Date: 01/27/2011 10:43 AM
Subject: Re: Fw: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Thanks Elizabeth.

Kristine Koch
Remedial Project Manager
USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency
Region 10
1200 Sixth Avenue, Suite 900, M/S ECL-115
Seattle, Washington 98101-3140

(206)553-6705
(206)553-0124 (fax)
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

Elizabeth Allen

[I've done some further digging on this. Accordin...](#)

01/27/2011 08:22:52 AM

From: Elizabeth Allen/R10/USEPA/US
To: Kristine Koch/R10/USEPA/US@EPA
Cc: Burt Shephard/R10/USEPA/US@EPA, Sean Sheldrake/R10/USEPA/US@EPA, Chip Humphrey/R10/USEPA/US@EPA, Rene Fuentes/R10/USEPA/US@EPA
Date: 01/27/2011 08:22 AM
Subject: Re: Fw: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

I've done some further digging on this. According to the 2004 Tech memo for exposure point calculation and summary of exposure factors, dockside workers were evaluated for exposure to in-water sediments only. In fact, it appears that the LWG insisted that shoreline exposures be completely segregated, and that once someone set foot on the shore, the Portland harbor risk assessment no longer applied. It's difficult - read that as not possible - to fully assess the risks to both occupational and recreational receptors when such a clear demarcation is applied, and that should be the topic for future discussion. But for now, the answer is clearly that on-shore exposures were not evaluated at NW Gasco in the Portland harbor risk assessment, and thus the upland risk assessment must clearly address that data gap.

Elizabeth

Kristine Koch

[Elizabeth and Burt - Did the Portland Harbor BR...](#)

01/26/2011 10:42:31 AM

From: Kristine Koch/R10/USEPA/US
To: Elizabeth Allen/R10/USEPA/US@EPA, Burt Shephard/R10/USEPA/US@EPA
Cc: Sean Sheldrake/R10/USEPA/US@EPA

Date: 01/26/2011 10:42 AM
Subject: Fw: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Elizabeth and Burt - Did the Portland Harbor BRAs include the beach/bank area of the NW Natural site? I didn't think they did, but I thought I'd defer to you.

Sean - I think that if the LWG didn't include this area in the in-water BRA, then NW Natural needs to do it in an upland BRA. We should support Dana on this, if necessary. I would hate for this area to become no-mans-land and fall off the radar because there was no risk assessment conducted of the area or nothing citing that this area is posing unacceptable risk and needs some action.

Kristine Koch
Remedial Project Manager
USEPA, Office of Environmental Cleanup

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Seattle, Washington 98101-3140

(206)553-6705
(206)553-0124 (fax)
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)
----- Forwarded by Kristine Koch/R10/USEPA/US on 01/26/2011 10:39 AM -----

From: Sean Sheldrake/R10/USEPA/US
To: "BAYUK Dana" <BAYUK.Dana@deq.state.or.us>
Cc: "ANDERSON Jim M" <ANDERSON.Jim@deq.state.or.us>, PetersonLE@cdm.com
Date: 01/26/2011 10:36 AM
Subject: RE: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Dana, Hmmm, that's unfortunate that NWN didn't acknowledge the DEQ role for the riverbank-- I just got through telling NWN that DEQ had a role to play in determining what areas of the riverbank needed attention, and that for implementation we needed to recognize that the larger of the two riverbank areas requiring work needed to be recognized in the EE/CA for implementation issues should EPA be overseeing the work (we can't oversee work we didn't consider alternatives for, and select a remedy pertaining to). NWN did note they would rather presume risk in the riverbank to get to alternatives analysis rather than take additional samples, but didn't disavow the need to go through the DEQ process, so I'm confused at the differing presentations so close together.

Hopefully we can talk more Friday.

Thanks-

S

Sean Sheldrake, RPM, Unit Diving Officer
USEPA, Region 10
Environmental Cleanup Office
1200 Sixth Avenue, Suite 900, ECL-110
Seattle WA 98101-3140
sheldrake.sean@epa.gov
Phone: 206/553-1220
Region 10 Dive Team: <http://yosemite.epa.gov/r10/oea.nsf/webpage/dive+team>
Portland Harbor Cleanup: <http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor>
Green Cleanups: <http://yosemite.epa.gov/R10/extaff.nsf/programs/greencleanups>
Green Cleanups (EPA only):

<http://204.47.216.153:9876/r10/infopage/cleanup.nsf/webpage/greener+cleanups>
Deliveries: Parking Garage mailroom (1st floor)
Visitors: Check-in @ PERC / Service Center on 12th floor:
<http://yosemite.epa.gov/r10/extaff.nsf/PERC/Visiting+Seattle>

"BAYUK Dana"

Good morning Sean. Just wanted to send you a...

01/26/2011 09:48:07 AM

From: "BAYUK Dana" <BAYUK.Dana@deq.state.or.us>
To: Sean Sheldrake/R10/USEPA/US@EPA
Cc: <PetersonLE@cdm.com>, "ANDERSON Jim M" <ANDERSON.Jim@deq.state.or.us>
Date: 01/26/2011 09:48 AM
Subject: RE: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Good morning Sean.

Just wanted to send you a quick note to let you know that during yesterday's meeting NW Natural requested a joint meeting to discuss the regulatory status of the riverbank. I can't remember if I let you know this previously or not, but NW Natural's current approach for conducting the uplands risk assessment excludes the riverbank. That's why the riverbank topic was included as a key issue in our January 25th meeting agenda sent to on 1/19 (see below).

During the meeting I indicated the SOW is written so the uplands risk assessment, FS, and source control work overseen by DEQ supports selection of the riverbank remedy to be implemented by EPA. I also let him know the January 25th agenda reflected both EPA's and DEQ's positions on the SOW.

However, throughout the discussion Bob maintained NW Natural's understanding was that all work from the top of the bank out into the river would be done as part of the sediment project.

Rather than go into details, the short version is that discussions went on way to long given the intent and language of the SOW, and ultimately NW Natural did not recognize DEQ's role in overseeing an uplands risk assessment that included the riverbank.

NW Natural will be preparing a written summary of the meeting which I presume you'll be cc'ed on. If not I'll route you a copy, including our mark-ups.

Anyway that's it for now. Let me know if you have any questions and hope your day is going well.

Dana

Mr. Dana Bayuk, Project Manager
Cleanup & Portland Harbor Section
Oregon Department of Environmental Quality
2020 SW 4th Avenue, Suite 400
Portland, OR 97201
E-mail: bayuk.dana@deq.state.or.us
Phone: 503-229-5543
FAX: 503-229-6899

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-----Original Message-----

From: BAYUK Dana
Sent: Wednesday, January 19, 2011 10:58 AM
To: 'Sheldrake.Sean@epamail.epa.gov'
Subject: RE: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Thanks for your feedback Sean. I especially appreciate you getting back to me so quickly. I'll leave the agenda as is...

Hope your day is going well and just gets better.

Dana

Mr. Dana Bayuk, Project Manager
Cleanup & Portland Harbor Section
Oregon Department of Environmental Quality
2020 SW 4th Avenue, Suite 400
Portland, OR 97201
E-mail: bayuk.dana@deq.state.or.us
Phone: 503-229-5543
FAX: 503-229-6899

Please visit our website at <http://www.oregon.gov/DEQ/>

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-----Original Message-----

From: Sheldrake.Sean@epamail.epa.gov [mailto:Sheldrake.Sean@epamail.epa.gov]
Sent: Wednesday, January 19, 2011 9:17 AM
To: BAYUK Dana
Cc: PetersonLE@cdm.com
Subject: Re: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Dana,

I think we're in agreement--that is the same message I conveyed to NWN. Essentially, the riverbank remains in dual jurisdiction--and if EPA takes on oversight of that work, we will be working on the larger of whatever EPA and DEQ's processes indicate require cleanup. For that reason, I emphasized to NWN that the EPA alternative screening must consider the larger of the two footprints (if they differ) so that EPA's decision documents encompass all necessary riverbank work (and not in a last minute fashion, as was the case with Wheeler Bay), should that work be done under EPA oversight. I believe this is all consistent with details outlined in the AOC's SOW.

Thanks-

S

Sean Sheldrake, RPM, Unit Diving Officer
USEPA, Region 10
Environmental Cleanup Office
1200 Sixth Avenue, Suite 900, ECL-110
Seattle WA 98101-3140
sheldrake.sean@epa.gov
Phone: 206/553-1220
Region 10 Dive Team: <http://yosemite.epa.gov/r10/oea.nsf/webpage/dive>

+team
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<http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor>
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Visitors: Check-in @ PERC / Service Center on 12th floor:
<http://yosemite.epa.gov/r10/extaff.nsf/PERC/Visiting+Seattle>

From: "BAYUK Dana" <BAYUK.Dana@deq.state.or.us>
To: Sean Sheldrake/R10/USEPA/US@EPA
Cc: <PetersonLE@cdm.com>
Date: 01/19/2011 09:01 AM
Subject: NW Natural - Uplands Risk Assessment, Source Control, and the Riverbank

Good morning Sean.

We have a meeting with NW Natural next Tuesday (1/25) to discuss the uplands risk assessment. I've prepared an agenda of issues for the meeting and one of the topics is the status of the riverbank in the context of the uplands RI/FS and source control.

NW Natural asserts the riverbank is currently included in the Gasco Sediment Project. As an FYI...I've cut-and-pasted DEQ's position and path forward from the agenda below.

"DEQ's Position. DEQ agrees with NW Natural that the riverbank is included in the Gasco Sediment Project, however as we discussed previously in meetings, DEQ maintains the Statement of Work (SOW) involves a process of DEQ "handing off" the riverbank to the EPA based on the results of the uplands risk assessment and/or the riverbank source control evaluation. As indicated in Section 3.4.1.3 of the SOW:

'The riverbank is included in the project area to facilitate consistencies between riverbank remediation, source control work and the in-river sediment cleanup. The need for riverbank work shall be determined by:

1. The need for soils remediation consistent with the upland risk assessment and upland FS
2. The need to control sources of contaminants from the riverbank to the river including

- a. processes of soil erosion,
- b. leaching of chemicals due to shallow groundwater movement through the bank,
- c. and/or stormwater infiltration and discharge through riverbank soils.

The process for determining the work needed in the river bank areas and volumes

that are included in the project are described more in Section 3.6.2.10.'

Furthermore, Section 3.6.2.10 of the Statement of Work indicates, 'As discussed in Section 3.4.1.3, riverbank soils shall be included in the project area definition to the extent that riverbank soils require remediation consistent with the uplands risk assessment and uplands FS and/or require control of sources from river bank soils to the river.'

Path Forward. Until DEQ is satisfied uplands concerns have been fully considered in planning the sediment project and there is an agreement in place for handing the riverbank over to EPA, EPA and DEQ will share oversight. The riverbank should continue to be included in the uplands HHRA and ERA as an exposure unit. NW Natural recently completed sampling work along and on the riverbank as part of the Gasco Sediment Project being conducted with Siltronic under EPA oversight. The results of the work and data from the uplands RI should be used to further evaluate the riverbank in the context of the uplands risk assessment and riverbank source control evaluation, and to support sediment project planning."

Feel free to give me a call if you have questions. I'll be e-mailing the meeting agenda at the end of the day.

Mr. Dana Bayuk, Project Manager
Cleanup & Portland Harbor Section
Oregon Department of Environmental Quality
2020 SW 4th Avenue, Suite 400
Portland, OR 97201

E-mail: bayuk.dana@deq.state.or.us
Phone: 503-229-5543
FAX: 503-229-6899

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